Sl. No.	Name of the Project	Cost (Rs.)	Beneficiary State/Region
			Northern Region except Delhi, Rajasthan, Haryana, Uttaranchal, Jammu & Kashmir, Bihar, West Bengal of Eastern Region
7	Transmission System associated with RAPP 5&6	399.38	Northern Region
8	Transmission system associated with Koldam (800 MW) HEP	367.72	Northern Region
9	National Load Despatch Centre	97.01	All the Regions
10	Transmission System associated with Kaiga-3&4	527.96	Southern Region
11	Transmission System associated with Monarchak	740.25	Northern Region
12	Transmission System associated with Barh	3532.73	Western Region except Goa & Dadra & Nagar Haveli, Northern Region except Uttar Pradesh & Uttaranchal Bihar of Eastern Region Railways
13	Sipat-II Supplementary Transmission System	645.1	Western Region
14	Kudankulam Transmission System	1710.23	Karnataka, Kerala, Tamil Nadu and Pondicherry in Southern Region
15	Parbati-II Transmission System	322.57	Northern Region
	TOTAL:	12584.78	

Hydro-electric Potential in Himachal Pradesh

845. SHRI ANAND SHARMA: Will the Minister of POWER be pleased to state:

(a) the hydro-electric potential of Himachal Pradesh as assessed by the Central and State Ministries of Power;

(b) the total amount of hydro potential harnessed upto 2003 through Central, State and private sector in the State; and

(c) the details of the potential future projects identified so far for exploration in the Tenth and Eleventh Plan?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) The re-assessment studies of HE potential completed by CEA in 1987 have

placed the HE potential of Himachal Pradesh at 11647 MW at 60% Load Factor with probable installed capacity of 18820 MW.

(b) So far, hydroelectric potential of 5768.45 MW has been developed under various sectors as under:—

Sector	Installed Capacity (MW)
Central/Common	5070.00
State	312.45
Private	386.00
	5768.45

The details are enclosed at Statement-I (*See* below)

(c) List of projects identified to yield benefits during X and XI Plan are enclosed at Statement-II and Statement-III.

Statement-I

Hydro schemes in operation pertaining to Himachal Pradesh

(I.C. above 3 MW)

As on 01.07.2004

Sl. No.	Region/Sector	No. of Units	Capacity (MW)
	B.B.M.B		
1	Bhakra Complex		
	(i) Bhakra (L)	5x108	540
	(ii) Bhakra (R)	5x132	660
	Sub Total		1200
2	Dehar	6x165	990
3	Pong	6x60	360
	Sub Total		1350
	Total BBMB		2550
	N.H.P.C.		
4	Baira Siul	3x60	180
5	Chamera St. II	3x180	540

S. No.	Region/Sector B.B.M.B.	No. of Units	Capacity (MW)
6	Chamera St. II	2x100	300
	Sub total NHPC		1020
	SJVN (NJPC)		
7	Nathpa Jhakari	6x250	1500
	Sub total SJVN		
	Total (Central/Common)		5070
	State Sector		
8	Giri Bata	2x30	60
9	Bassi	4x15	60
10	Sanjay	3x40	120
11	Andhra	3x5.65	16.95
12	Binwa	2x3	6
13	Thirot	3x1.5	4.5
14	Baner	3x4	12
15	Gaj	3x3.5	10.5
16	Ghanvi	2x11.25	22.5
	Sub total State		**312.45**
	Private		
17	Malana	2x43	86
18	Baspa-II	3x100	300
	Sub total Private		386
	Total HP		**5768.45**

Statement-II

Hydro projects in Himachal Pradesh Planned for benefits during Tenth Plan

S.No.	Name of scheme	Sector	IC (MW)
1	Chamera-II	Central	300
2	Rampur*	Joint	400
3	Nathpa Jhakri	Joint	1500

S.No.	Name of scheme	Sector	IC (MW)
4	Largi	State	126
5	Kashang-I	State	66
6	Baspa	Private	300
7	Dhamwari Sunda*	Private	70
		TOTAL	2762

*Slipping to 11th Plan.

Statement-III

Hydro Projects in H>P. Tentatively Identified for benefits during 11th Plan

Sl. No.	Name of scheme	Type	State/ Agency	IC(MW)	Benefits 11th Plan
1	Parbati-II*	ROR	NHPC	800	800
2	Parbati-III	ROR	NHPC	520	520
3	Chamera-III	ROR	NHPC	231	231
4	Rampur	ROR	SIVNL	400	400
5	Kol Dam*	ROR	NTPC	800	800
6	Thopan Poweri Shongton	ROR	HP	400	400
7	Karcham	ROR	HP	402	402
8	UHL-III*	ROR	HP	100	100
9	Chirgaon	ROR	HP	46	46
10	Pudital Lassa	ROR	HP	36	36
11	Tangu Romai	ROR	HP	44	44
12	Kashang-I	ROR	HP	66	66
13	Kashang-II	ROR	HP	60	60
14	Sawara Kuddu	ROR	HP	110	110
15	Sorang	ROR	HP	60	60
16	Dham wari Sunde*	ROR	HP	70	70
17	Kutehr	ROR	HP	260	260

Sl. No.	Name of scheme	Type	State/ Agency	IC(MW)	Benefits 11th Plan
	Bajoli Holi				
18	(Chamera-IV)	ROR	HP	200	200
19	Tidong-II	ROR	HP	100	100
20	Allain Duhangan*	ROR	Hp	192	192
21	Karcham wangtoo*	ROR	HP	1000	1000
22	Budhil	ROR	HP	70	70
23	Malana II	ROR	Hp	100	100
24	Dhaulasidh	ROR	Hp	40	40
			Total	6107	6107

*Schemes under execution

Run of the river hydel projects in Himachal Pradesh

846. SHRI ANAND SHARMA: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that Himachal Pradesh offers a very good potential for the run of river hydel projects;

(b) if so, the sites identified for the run of the river projects and the status of the execution of the projects; and

(c) whether it is a fact that there are many more potential locations in Himachal Pradesh to harvest the run of the river for generating power within a span of 5 years as has been done by Private Sector projects in Himachal and private project in Uttaranchal?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) As per the re-assessment study of hydro-electric potential in the country completed by CEA in 1987, 76 run of the river hydro-electric schemes with probable installed capacity of 12,039 MW were identified in Himachal Pradesh.

(b) The details of the run of the river schemes identified are given in Statement-I. (*See* below) Presently seven run of river schemes are under execution as per details given in Statement-II (*See* below).

(c) 23 Run of river schemes aggregating to 5307 MW in Himachal